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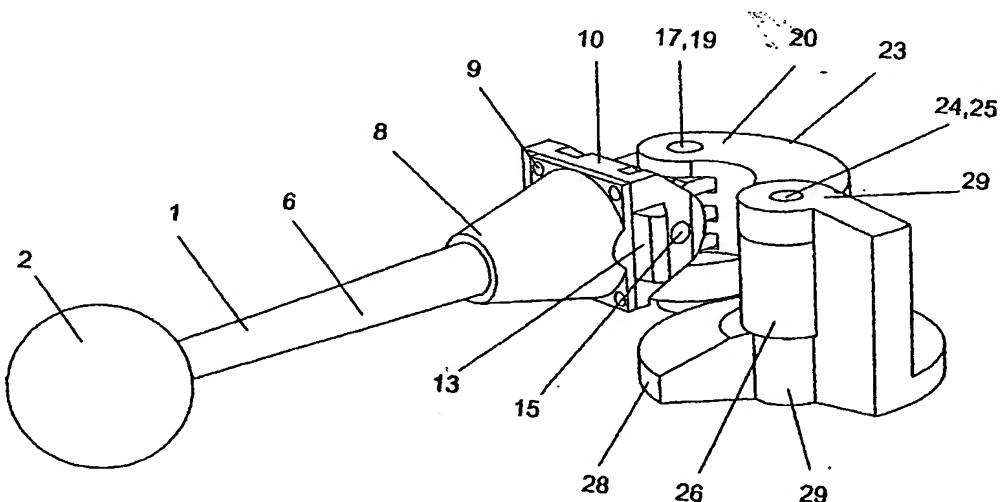
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(54) Title: GOLF SIMULATOR OR MEASUREMENT APPARATUS



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(57) **Abstract:** The invention provides a simulator or measurement apparatus for use in a ball game where a ball is hit from a stationary position. The apparatus includes a bail (2), a connecting means (1), a base (48) and a measurement means. The ball (2) is connected by the connecting means (1) to the base (48). The connecting means (1) operates to provide a number of degrees of freedom to the movement of the ball (2), and is in a unique arrangement for each position of the bail. It operates to allow the bail (2), when struck by an object, to substantially replicate some or all of the motion characteristics of an unconnected ball, over a distance sufficient to measure such motion characteristics.. The measurement means measures motion characteristics of the connected ball (2) over the distance when such motion characteristics are substantially replicated.